

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 1. (Currently amended) A method for automatic generation of a resource
2 type for an application, said resource type to be installed on one or more nodes of
3 a clustered computer system, said method comprising:
4 a. accepting user specified characteristics of said application and
5 said clustered computer system;
6 b. automatically generating a code for at least one resource type based
7 on at least one of said input user specified characteristics,
8 c. installing said generated code of said at least one
9 resource type and said application on at least one node of said clustered
10 computer system; and
11 d. automatically generating a configuration file, wherein the
12 configuration file stores user-supplied configuration information which
13 allows the generated code to be configured ~~configured~~ after it is
14 installed, and wherein the user-supplied information includes at least
15 one of a resource type name, a vendor ID, an indication of whether the
16 target resource type is failover or scalable, and indication of whether
17 the base application is network aware, and a selected language for the
18 generated code.

1 2. (Original) The method of claim 1, wherein said application is a highly
2 available application.

1 3. (Original) The method of claim 1, wherein said application is a scalable
2 application.

1 4. (Original) The method of claim 1, wherein said resource type
2 performs at least one of the following:

- 3 a. starts execution of said application;
- 4 b. stops execution of said application; and
- 5 c. monitors execution of said application.

1 5. (Original) The method of claim 1, wherein said code of said at least one
2 resource type is a source code.

1 6. (Original) The method of claim 1, wherein before said installing of
2 said generated code, said generated code of said resource type and said
3 application are arranged into a software package.

1 7. (Original) The method of claim 1, wherein said user specified
2 characteristics comprise information on whether said resource type is failover or
3 scalable.

1 8. (Original) The method of claim 1, wherein said user specified
2 characteristics comprise information on whether said application is network-
3 aware or non network-aware.

1 9. (Previously presented) The method of claim 1, wherein said user
2 specified characteristics are entered at a user interface, wherein said user interface
3 is a graphical user interface.

1 10. (Original) A method of claim 1, wherein said generating of said code
2 further comprises providing said user with an ability to modify said generated
3 code.

1 11. (Currently amended) A computer readable medium containing a
2 program for automatic generation of a resource type for an application, said
3 resource type to be installed on one or more nodes of a clustered computer
4 system, said program comprising:
5 a. accepting user specified characteristics of said application and said
6 clustered computer system using a user interface;
7 b. automatically generating a code for at least one resource type
8 based at least on said input user specified characteristics;
9 c. installing said generated code of said at least one
10 resource type and said application on at least one node of said clustered
11 computer system; and
12 d. automatically generating a configuration file, wherein the
13 configuration file stores user-supplied configuration information which
14 allows the generated code to be configured ~~configured~~ after it is installed,
15 and wherein the user-supplied information includes at least one of a resource
16 type name, a vendor ID, an indication of whether the target resource type is
17 failover or scalable, and indication of whether the base application is
18 network aware, and a selected language for the generated code.

1 12. (Original) The computer readable medium of claim 11, wherein
2 said application is a highly available application.

1 13. (Original) The computer readable medium of claim 11, wherein
2 said application is a scalable application.

1 14. (Original) The computer readable medium of claim 11, wherein said
2 resource type performs at least one of the following:

- 3 a. starts execution of said application;
- 4 b. stops execution of said application; and
- 5 c. monitors execution of said application.

1 15. (Original) The computer readable medium of claim 11, wherein
2 said code of said at least one resource type is a source code.

1 16. (Original) The computer readable medium of claim 11, wherein before
2 said (c) said generated code of said resource type and said application are
3 arranged into a software package.

1 17. (Original) The computer readable medium of claim 11, wherein said
2 user specified characteristics comprise information on whether said resource type
3 is failover or scalable.

1 18. (Original) The computer readable medium of claim 11, wherein said
2 user specified characteristics comprise information on whether said application
3 is type is network-aware or non network-aware.

1 19. (Original) The computer readable medium of claim 11, wherein said
2 user interface is a graphical user interface.

1 20. (Original) The computer readable medium of claim 11, wherein said
2 generating of said code further comprises providing said user with an ability to
3 modify said generated code.

1 21. (Currently amended) A computer system comprising at least a central
2 processing unit and a memory, said memory storing a program for automatic
3 generation of a resource type for an application, said resource type to be
4 installed on one or more nodes of a clustered computer system, said program
5 comprising:
6 a. accepting user specified characteristics of said application and
7 said clustered computer system using a user interface;
8 b. automatically generating a code for at least one resource type based
9 at least on said input user specified characteristics;
10 c. installing said generated code of said at least one
11 resource type and said application on at least one node of said clustered
12 computer system; and
13 d. automatically generating a configuration file, wherein the
14 configuration file stores user-supplied configuration information which
15 allows the generated code to be configured ~~configured~~ after it is installed,
16 and wherein the user-supplied information includes at least one of a resource
17 type name, a vendor ID, an indication of whether the target resource type is
18 failover or scalable, and indication of whether the base application is
19 network aware, and a selected language for the generated code.

1 22. (Original) The computer system of claim 21, wherein said
2 application is a highly available application.

1 23. (Original) The computer system of claim 21, wherein said application
2 is a scalable application.

1 24. (Original) The computer system of claim 21, wherein said resource
2 type performs at least one of the following:

- 3 a. starts execution of said application;
- 4 b. stops execution of said application; and
- 5 c. monitors execution of said application.

1 25. (Original) The computer system of claim 21, wherein said code of said
2 at least one resource type is a source code.

1 26. (Original) The computer system of claim 21, wherein before said (c)
2 said generated code of said resource type and said application are arranged into a
3 software package.

1 27. (Original) The computer system of claim 21, wherein said user
2 specified characteristics comprise information on whether said resource type is
3 failover or scalable.

1 28. (Original) The computer system of claim 21, wherein said user
2 specified characteristics comprise information on whether said application is
3 type is network-aware or non network-aware.

1 29. (Original) The computer system of claim 21, wherein said user
2 interface is a graphical user interface.

1 30. (Original) The computer system of claim 21, wherein said generating
2 of said code further comprises providing said user with an ability to modify said
3 generated code.